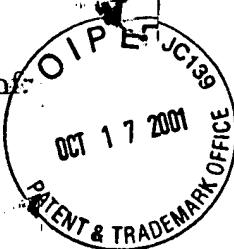


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
BYRUM, et al.
Appl. No.: 09/521,640
Filed: March 10, 2000
For: **Plant Genome Sequence and Use
Thereof**



Art Unit: 1631
Examiner: M. Borin
Atty. Docket: 16517.128/38-21(15750)D

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Response to Restriction Requirement

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed September 19, 2001 (paper number 8),
Applicants submit the following amendments and remarks.

In The Claims:

Please enter the following amended claims.

A1
1. (Once Amended) A substantially purified nucleic acid molecule comprising a

Sub B6
fragment from about 30 to about 300 nucleotides residues, wherein said fragment exhibits complete complementarity to a second nucleic acid molecule having a nucleic-acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 304701 or a complement thereof.

A2
4. (Once Amended) The substantially purified nucleic acid molecule according to claim

Sub B7, wherein said nucleic acid molecule comprises a nucleic acid molecule having a nucleic acid